

## Jenna Kay

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**From:** Monica Zazueta <zazueta\_monica0813@gmail.com>  
**Sent:** Thursday, January 9, 2025 6:25 PM  
**To:** Jenna Kay; Amy Koski; sylvia@mosaicresolutions.com; Dana Hellman; Ben Duncan; Harrison Husting; Nicole Metildi; tlunsford@parametrix.com  
**Subject:** More very important notes about Toxicity and banning

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More very important notes about Toxicity and banning

How The Toxicity Crisis Could Cause the Next Economic Crash with Jeremy Grantham | The Great Simplification episode 155

<https://youtu.be/ULn8I1b6vfw?si=ITPeXXR2oSa8UuTM>

Here are the key points from the text, highlighted, from 1 hour 07 minutes 34 seconds onwards:

- Toxicity is moving faster and more dangerously than climate change, yet is utterly unrecognized by almost anybody.
- The impact of endocrine disrupting chemicals on human fertility, sperm count, and population decline is a major issue.
- South Korea has the lowest fertility rate in the world, declining at 6.1% per year - their population could quarter in 24 years.
- Japan's population has declined from 2 million babies per year 50 years ago to 700,000 last year, a 5% annual decline.
- Declining birth rates in industrialized countries are driven by both toxicity/endocrine disruption and cultural/economic factors like the high cost and inconvenience of having children.
- As population declines, there will be competition for immigrants between countries with "inverted population pyramids" - 3-4 grandparents per worker.
- This population implosion will destabilize economies and make it harder to address issues like climate change.
- Toxicity is a local issue, so individual countries or regions could set good examples by rapidly banning the worst chemicals.
- Corporations have no response to the toxicity crisis, as it is not on their agenda - this needs to change.
- A small number of influential, wealthy individuals could make a big difference by funding research and advocacy on toxicity.

Here is the relevant highlighted quote from the transcript:

"someone said how how, could we possibly deal without them and, I said you fucking kidding yourself. The, year before we introduced the toxic pesticides we lost about a third of our, crop and last year we lost about a third of our crop after all that has happened. If you look at the long sweep of history, is that you use more and more expensive chemicals that the typical farmer can afford and you still lose a chunk of the crop because among other things the pests become immune to your expensive pesticides and you have to use more at more cost or several at more cost and if you give up now you lose your whole crop, so this has not been satisfactory but if, you give up completely and you go to regenerative agriculture, which everybody will be using regenerative agriculture if we survive 100 years from now, we will be sustainable and the food will be much more nutritious and totally non-toxic and the soil will be rich and that is the consequence if you have rich soil, well nurtured you will have much more nutritious food. They have found in some cases that the nutrition of various mass-produced vegetables and so on is down to like a quarter of what it was in many of the nutrients. The calories are still there but the micronutrients are missing, and indeed the calories often go up, because as the balance of ingredients tilts towards carbohydrates and so on uh, you are getting, in the end more sugar and less nutrient."

(My Signature 😊)

~You must always be willing to truly consider evidence that contradicts your beliefs, and admit the possibility you may be wrong. Intelligence isn't knowing everything, it's the ability to challenge everything you know. Let's all give up our fear as a justification for not to take action because we are the creators of our reality.

Sending healing vibes

Monica Zazueta

Concerned Mum



360-723-7707

Sharing energy,

1.

Doughnut Economics 7 Ways to Think Like a 21st Century Economist

by Kate Raworth

Free digital copy of the book,

<https://fenix.tecnico.ulisboa.pt/downloadFile/845043405579281/Raworth%20%282017%29%20Doughnut%20Economics.pdf>

2.

29 minute video explaining Doughnut Economics

"How radical ideas can turn into transformative practice. Stockholm impact week 2023"

<https://youtu.be/qwyzsAWRMcw?si=Hut8czYBLqAjOBpb>

3.

Nate Hagens: "Episode 100 - The Great Simplification"

<https://youtu.be/GocuMZX3hls?si=impadsCjN-aGZzk0>